IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1.   (currently amended)A first storage system connected to a computer and a second storage system, comprising:

a first storage device configured to a first file system;

a first controller for controlling said first storage system; and

a second controller for controlling input/output operations to/from said second storage system, said second storage system having a third controller and a second storage device, configured to a second file system, connected to said third controller,

~~wherein said first controller creates a file system in said second storage.~~

wherein said first controller mounts a root directory of said second file system at a mount point in said first file system such that said first and second file systems are provided to said computer as a single directory tree.

2.   (currently amended)A first storage system according to claim 1, wherein: said second controller manages logical units ~~created~~ in said second storage device as a RAID group possessed by said first storage system, and

wherein said first controller creates a file system in said second storage device using said RAID group.

3. (currently amended)A first storage system according to claim 1, wherein: said first controller is responsive to an access request for a file received from said computer for identifying that a file system in which said file is stored ~~has been created~~ in said second storage, and accesses a file stored in said second storage through said second controller.

4. (currently amended)A first storage system according to claim 1, wherein: said second controller is connected to a plurality of second storage systems.

Claim 5 (canceled).

6. (currently amended)A first storage system according to claim 1, wherein: said first controller ~~creates a file system in said first storage, and~~ copies data in the first file system ~~created~~ in said first storage device into said second storage device while maintaining the structure of said second file system.

7. (currently amended)A first storage system according to claim 6, wherein: said first controller copies the data in the first file system ~~created~~ in said first storage device into said second storage device, and thereafter erases the data in the first file system ~~created~~ in said first storage.

8. (currently amended)A first storage system according to claim 6, wherein: said first controller or said second controller adds an attribute

indicative of prohibition of a write access from said computer to the first file system when the data in the file system ~~created~~ in said first storage device is copied into said second storage device.

9. (currently amended) A first storage system according to claim 8, wherein~~:~~ said first storage system is connected to a management device, such that said first controller ~~creates a file system,~~ copies the data in the first file system ~~created~~ in said first storage device into said second storage device, and adds the attribute based on an instruction from said management device.

10. (currently amended)A first storage system according to claim 9, wherein said management device sets a time at which a new file system is configured ~~created~~ in said first storage~~;~~ device,

wherein said first controller creates a new file system in said first storage device upon arrival of said time~~;~~, and

wherein said first controller stores data written from said computer in said new file system, and moves a file system ~~created~~ in said first storage device which has stored data written from said computer before said time into said second storage device.

11. (currently amended)A first storage system according to claim 10, further comprising:
a management table,

wherein said storage system manages the structure of a file system using said management table.

12.   (currently amended)A system for storing a file accessed by a computer, comprising:

a first storage system, said first storage system connected to said computer;

a second storage system;

a first storage device configured to a first file system;

a first controller for controlling said first storage system; and

a second controller for controlling input/output operations to/from said second storage system,

wherein said second storage system includes a third controller, and a second storage device, configured to a second file system, connected to said third controller, and

wherein said first controller creates a file system in said second storage, and accesses the second file system created in said second storage system in response to an access request for the second file system from said computer,

wherein said first controller mounts a root directory of said second file system at a mount point in said first file system such that said first and second file systems are provided to said computer as a single directory tree.

Claim 13 (canceled).

14.   (currently amended)A system according to claim 12, further

comprising:

a management device, wherein: said management device instructs

said first controller to move a~~the first~~ file system ~~created~~in said first storage

device into said second storage device;

said first controller is responsive to said instruction for copying data in

the first file system ~~created~~in said first storage device into said second

storage device while maintaining the structure of the second file system, and

erases the data in the first file system ~~created~~in said first storage device; and

said first controller is responsive to an access request for said second

file system from said computer for controlling said second storage device to

make an access thereto.

15.   (currently amended)A system according to claim 14, wherein:

when said first controller copies the data in the first file system ~~created~~ in said

first storage device into said second storage device, said management

terminal instructs said first storage system to add an attribute which prohibits

a data write access from said computer to said first file system; and

said first controller or said second controller adds said attribute to said

first file system.

16.   (currently amended)A system according to claim 15, wherein:

said management device sets a time at which a new file system is ~~created~~ in

said first storage: device,

wherein said first controller creates a new file system in said first

storage device upon arrival of said time;, and

wherein said first controller writes data received from said computer

after said time into said new file system, and moves a file system created in

said first storage device which has stored data written from said computer

before said new file system was configured created into in said second

storage device.

17.   (currently amended)A computer program product for a first

storage system which is connected to a computer and a second storage

system, said computer program product comprising:

a code for controlling input/output operations to/from a first storage

device included in said first storage system, said first storage device being

configured to a first file system;

a code for a controller included in said second storage system to

control input/output operations to/from a second storage device included in

said second storage system, said second storage device being configured to

a second file system;

a code for creating a file system in said second storage;

wherein said first controller mounts a root directory of said second file

system at a mount point in said first file system such that said first and second

file systems are provided to said computer as a single directory tree; and

a computer readable storage medium for storing said codes.

18.   (currently amended)A computer program product according to claim 17, further comprising:

~~a code for creating a file system in said first storage; and~~

————a code for copying data in the first file system ~~created~~ in said first storage device into said second storage device while maintaining the structure of the second file system.

19.   (currently amended)A computer program product according to claim 18, further comprising:

a code for erasing the data in said first file system ~~created~~ in said first storage system after copying the data in said first file system ~~created~~ in said first storage device into said second storage device.

20.   (currently amended)A computer program product according to claim 18, further comprising:

a code for adding an attribute which prohibits a data write access from said computer to the first file system ~~created~~ in said first storage device when the data in the first file system ~~created~~ in said first storage device is copied into said second storage device.